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TI Extraction of rutin from plants with dioxane.

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PA Merck Patent G.m.b.H., Germany

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AB Rutin is extd. from plant material with 1,4-dioxane. Extn. with this solvent minimizes contamination and eases purifn. from the raw ext. Dimorphandra shoots (200 g) were powd. and extd. 3 times with 1,4-dioxane (1000 mL) under reflux for 1 h. The pooled exts. were concd. to 300 mL by distn. and rutin was recovered by crystn. at room temp.

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